

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
1	BR S	1	5371950.pn.	USPAT; EPO; JPO	2004/02 /23			0
2	BR S	0	kuhl-jeffrey.in.	USPAT; EPO; JPO	2003/07 /15			0
3	BR S	386	kuhl.in.	USPAT; EPO; JPO	2003/07 /15			0
4	BR S	23	kuhl-j\$.in.	USPAT; EPO; JPO	2003/07 /16			0
5	BR S	13	("4748053" "4996080" "5250116" "5366757" "5405813" "5468514" "5670210" "5536534" "6004047" "6025012" "6177133" "6238735" "6242364").pn.	USPAT; EPO; JPO	2003/07 /16 11:52			0
6	BR S	7	kuhl-jef\$.in.	USPAT; EPO; JPO	2003/07 /16			0
7	BR S	18	kuhl-hen\$.in.	USPAT; EPO; JPO	2003/07 /16			0
8	BR S	1	4064635.pn.	USPAT; EPO; JPO	2003/07 /16			0
9	BR S	66	34/312,328.ccls.	USPAT; EPO; JPO	2003/07 /17			0
10	BR S	73	34/317,318.ccls.	USPAT; EPO; JPO	2003/07 /16			0
11	BR S	43	34/317.ccls.	USPAT; EPO; JPO	2003/07 /16			0
12	BR S	6	34/317.ccls. not (wafer substrate)	USPAT; EPO; JPO	2003/07 /16			0
13	BR S	37	34/317.ccls. and (wafer substrate)	USPAT; EPO; JPO	2003/07 /16			0
14	BR S	26	34/318.ccls. not (wafer substrate)	USPAT; EPO; JPO	2003/07 /16			0
15	BR S	33	34/318.ccls.	USPAT; EPO; JPO	2003/07 /16			0
16	BR S	7	("2937553" "3113746" "3295660" "3812599" "3861061" "3870014").pn.	USPAT; EPO; JPO	2003/07 /16 17:27			0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
17	BR S	6	("6503335" "5664337" "5386645" "4742624" "4637146" "4313266").pn.	USPAT; EPO; JPO	2003/07 /17 13:19			0
18	BR S	174 5	210/787,512.1.ccls.	USPAT; EPO; JPO	2003/07 /17			0
19	BR S	989	210/787,512.1.ccls. and (centrifuge spin)	USPAT; EPO; JPO	2003/07 /17			0
20	BR S	748	(210/787,512.1.ccls. and (centrifuge spin)) and (lift lower)	USPAT; EPO; JPO	2003/07 /17 13:16			0
21	BR S	178	((210/787,512.1.ccls. and (centrifuge spin)) and (lift lower)) and dry\$3	USPAT; EPO; JPO	2003/07 /17 13:17			0
22	BR S	67	((((210/787,512.1.ccls. and (centrifuge spin)) and (lift lower)) and dry\$3) and convey\$3	USPAT; EPO; JPO	2003/07 /17 13:17			0
23	BR S	34	(dry\$3 with egg) and 34/\$.ccls.	USPAT; EPO; JPO	2003/07 /17			0
24	BR S	5	("6503335" "5386645" "4742624" "4637146" "4313266").pn.	USPAT; EPO; JPO	2003/07 /17 13:19			0
25	BR S	1	6665951.pn.	USPAT; EPO; JPO	2004/02 /23			0
26	BR S	0	34/58,85.ccls/	USPAT; EPO; JPO	2004/02 /23			0
27	BR S	944	34/58,85.ccls.	USPAT; EPO; JPO	2004/02 /23			0
28	BR S	87	34/58,85.ccls. and (spin with dry\$3)	USPAT; EPO; JPO	2004/02 /23			0
29	BR S	30	(34/58,85.ccls. and (spin with dry\$3)) and sens\$4	USPAT; EPO; JPO	2004/02 /23			0
30	BR S	22	(34/58,85.ccls. and (spin with dry\$3)) and lift	USPAT; EPO; JPO	2004/02 /23			0

	Document ID	Issue Date	Title	Current OR	Current XRef	Inventor
1	US 6622618 B1	20030923	Salad spinner	99/495	210/360.1; 34/58; 494/60; 494/84; 99/511	Glucksman, Dov Z. et al.
2	US 6612014 B1	20030902	Dual post centrifugal wafer clip for spin rinse dry unit	29/559	216/91; 34/58	Donoso, Bernardo et al.
3	US 6571488 B2	20030603	System for sensing position of spin dryer cover	34/58	34/202; 34/318; 34/90; 34/95	Lin, Yu Chih et al.
4	US 6460269 B2	20021008	Wafer dryer comprising revolving spray nozzle and method for drying wafers using the same	34/58	34/314; 34/315; 34/317; 34/318; 34/340; 34/351; 34/404; 34/443; 34/499; 34/59	Cho, Yong-joon et al.
5	US 6412191 B1	20020702	Method and apparatus for the removal of liquid from materials	34/328	198/493; 198/537; 210/787; 34/312; 34/367; 34/58	Moyls, Adrian Leigh
6	US 6381865 B1	20020507	Spin dryer for industrial parts	34/58	134/33	Noesthedent, Andrew
7	US RE37627 E	20020409	Wafer centrifugal drying apparatus	34/426	34/186; 34/58	Hirano, Yoshifumi
8	US 6363623 B1	20020402	Apparatus and method for spinning a work piece	34/58	134/149; 34/317	Abraham, Richard

	Document ID	Issue Date	Title	Current OR	Current XRef	Inventor
9	US 6298575 B1	20011009	Passive spin dryer for continuous and batch processing	34/58	34/313	Aikins, James Edward et al.
10	US RE37347 E	20010904	Substrate gripper device for spin drying	34/58	134/902	Maekawa, Toshiro et al.
11	US 6269552 B1	20010807	Method of drying substrates and drying apparatus	34/317	34/186; 34/318; 34/58	Honda, Yoshiyuki et al.
12	US 6269548 B1	20010807	Spin processing apparatus	34/58	92/202	Shinozaki, Hiroyuki et al.
13	US 6260391 B1	20010717	Laundry centrifuge, in particular for an automated washing range	68/210	34/236; 34/58; 68/25	Rippe, Hans-Joachim
14	US 6199298 B1	20010313	Vapor assisted rotary drying method and apparatus	34/315	134/902; 34/317; 34/319; 34/58	Bergman, Eric J.
15	US 6167893 B1	20010102	Dynamic chuck for semiconductor wafer or other substrate	134/147	134/153; 134/902; 34/58; 414/94	Taatjes, Steven W. et al.
16	US 6125551 A	20001003	Gas seal and support for rotating semiconductor processor	34/318	34/242; 34/58	Bushong, James R. C. et al.
17	US 6094763 A	20000801	Method and device for unloading items of washing from a treatment machine	8/159	34/236; 34/322; 34/328; 34/361; 34/380; 34/58; 68/210	Engel, Gerhard
18	US 6073362 A	20000613	Adapter and method for cleaning paint rollers	34/58		Dean, Dan et al.
19	US 6073361 A	20000613	Apparatus for externally monitoring RPM of spin rinse dryer	34/58		Kramer, Doris et al.

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20	US 6067727 A	20000530	Apparatus and method for drying substrates	34/317	34/325; 34/470; 34/58; 34/76	Muraoka, Yusuke
21	US 6023854 A	20000215	Spin extractor	34/531	34/560; 34/58	Tsunomoto, Yoshitaka et al.
22	US 5974681 A	19991102	Apparatus for spin drying a workpiece	34/58		Gonzalez-Martin, Jose R. et al.
23	US 5974680 A	19991102	Apparatus for use in cleaning wafers	34/58	134/902	Anderson, Gary L. et al.
24	US 5960562 A	19991005	Processing apparatus of processing wafer sheets	34/574	34/186; 34/58	Nishida, Tatsuya et al.
25	US 5950327 A	19990914	Methods and apparatus for cleaning and drying wafers	34/328	134/61; 134/902; 34/312; 34/58	Peterson, Glenn E. et al.
26	US 5873177 A	19990223	Spin dryer and substrate drying method	34/58	118/715	Honda, Yoshiyuki et al.
27	US 5851041 A	19981222	Wafer holder with spindle assembly and wafer holder actuator	294/106	294/115; 294/88; 294/907; 34/58; 414/94	Anderson, Donald E. et al.
28	US 5829156 A	19981103	Spin dryer apparatus	34/58		Shibasaki, Mitsunao et al.
29	US 5802733 A	19980908	Dryer system for vegetables	34/58	34/184; 34/322; 494/60; 494/84	Hougham, John
30	US 5784797 A	19980728	Carrierless centrifugal semiconductor processing system	34/58	134/95.2; 34/312; 34/317	Curtis, Gary L. et al.
31	US 5778554 A	19980714	Wafer spin dryer and method of drying a wafer	34/58		Jones, Oliver David
32	US 5775000 A	19980707	Substrate gripper device for spin drying	34/58	134/902	Maekawa, Toshiro et al.

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33	US 5715610 A	19980210	Programmable method and apparatus for cleaning semiconductor elements	34/58		Smith, Jr., William Charles et al.
34	US 5692313 A	19971202	Spin extractor	34/58	34/319; 68/12.06	Ikeda, Tomohiko et al.
35	US 5675905 A	19971014	Dryer system for vegetables	34/58	210/361; 210/781; 494/33; 99/483	Hougham, John
36	US 5664337 A	19970909	Automated semiconductor processing systems	34/58	34/184; 34/312; 34/317; 34/328; 414/416.09; 414/93	Davis, Jeffrey A. et al.
37	US 5647140 A	19970715	Produce centrifugal spin drying apparatus	34/58	34/312; 34/318	Hudspeth, Emmitt
38	US 5577331 A	19961126	Downflow spin dryer	34/58	34/60; 34/61	Suzuki, Hiromi
39	US 5566466 A	19961022	Spindle assembly with improved wafer holder	34/58	198/379; 294/106; 414/783; 414/93	Hearne, John S.
40	US 5469634 A	19951128	Draining and drying apparatus of semiconductor materials	34/58	34/186; 34/317	Mezaki, Tamotsu
41	US 5435075 A	19950725	Spindrier	34/58	34/187; 34/317	Shiraishi, Hirofumi et al.
42	US 5426866 A	19950627	Method and apparatus for dewatering of sludges	34/321	210/609; 210/771; 34/58	Rumocki, Andrzej

	Document ID	Issue Date	Title	Current OR	Current XRef	Inventor
43	US 5307567 A	19940503	Horizontally-spinning and horizontal loading centrifuge and method for de-watering bulk materials in large volumes	34/319	34/182; 34/58; 494/84	Schnake, John L. et al.
44	US 5282319 A	19940201	Bottom dump basket for vegetable spin dryer	34/318	34/58	Casquilho, Manny R. et al.
45	US 5212876 A	19930525	Automatic spin dryer	34/58	34/184	Berit, Bradley I.